

Title (en)

Portable device with anti-vibration handle for use in agriculture and gardening

Title (de)

Tragbares Gerät mit gedämpftem Handgriff für den Gebrauch im Garten und in der Landwirtschaft

Title (fr)

Outil portable à manette amortie pour usage jardinier et agricole

Publication

EP 1530890 A1 20050518 (EN)

Application

EP 04026428 A 20041108

Priority

IT MI20032166 A 20031111

Abstract (en)

A portable power tool (1) for use in farming and gardening works, comprising a motor (2), a tubular member (6) at least partially housing a transmission member connecting said motor (2) to an end tool (25) driven by said motor, a handlebar (3) with at least one handgrip (4,5) being fitted to said tubular member (6) through a fastening device (9) comprising elastic means (14, 15). The fastening device (9) comprises a case (16) fitted around said tubular element (6) and a clamp (10, 11) to which said handlebar (3) is secured, that are connected to each other by a connecting element (18) surrounded by a first pair (14, 14) of elastomeric elements and by a second pair (15, 15) of elastomeric elements surrounding said first pair of elements and with a hardness different from that of the first pair. <IMAGE>

IPC 1-7

A01B 1/06; **A01D 34/90**

IPC 8 full level

A01B 1/06 (2006.01); **A01D 34/90** (2006.01)

CPC (source: EP)

A01B 1/065 (2013.01); **A01D 34/905** (2013.01)

Citation (applicant)

- US 3581832 A 19710601 - HEERMANN RICHARD, et al
- FR 2403739 A1 19790420 - STIHL ANDREAS [DE]
- EP 0294842 A1 19881214 - WHITE CONSOLIDATED IND INC [US]
- US 2002004989 A1 20020117 - SCHWEIGERT THOMAS [DE], et al

Citation (search report)

- [XA] US 3581832 A 19710601 - HEERMANN RICHARD, et al
- [XY] EP 1327502 A2 20030716 - ELECTROLUX HOME PROD INC [US]
- [Y] US 4175298 A 19791127 - KOTTKE JOACHIM [DE], et al
- [X] FR 2403739 A1 19790420 - STIHL ANDREAS [DE]
- [X] EP 0294842 A1 19881214 - WHITE CONSOLIDATED IND INC [US]
- [X] US 2002004989 A1 20020117 - SCHWEIGERT THOMAS [DE], et al
- [A] EP 1226746 A1 20020731 - HONDA MOTOR CO LTD [JP]

Cited by

EP2324963A1; EP3742887A4; IT201900004275A1; EP2422604A1; EP2422603A1; EP1962574A4; US7891099B2; US8985235B2; EP1925196A2; US8967288B2; WO2007073251A1; WO2008097138A1; WO2016154969A1; WO2020194086A1; EP2759189B1

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DOCDB simple family (application)

EP 04026428 A 20041108; ES 04026428 T 20041108; IT MI20032166 A 20031111